

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS									
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>								
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>								
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>								
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>									
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector				
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio				<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	
														<input type="checkbox"/> Other	

Work Order ID 108067***108067***

Page 2

October-07-13 9:10:29 AM

Item ID: 646.4001

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: AS350 Cable Cutters

Stop ***NS2***Start Date: 10/07/13 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 10/07/13 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:		Stop	*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130 Packaging	Packaging	0.00							
Packaging	Memo	Identify and pack for shipping as per PPP 646.4001 Location: <u>16092</u>							
140	QC21- Final Inspection - Work Order Release	0.00							
140 QC	Memo	0.00							
Quality Control									

13/12/18

13/12/18

13/10/18

NCR: Yes / No

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WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other						
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled						

Picklist Print

October-07-13 9:10:26 AM

Page 1
16

Work Order ID: 108067

Parent Item: 646.4001

Start Date: 10/07/13

Required Date: 10/07/13

Parent Item Name: AS350 Cable Cutters

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
646.3301 Upper Cutter Assy		Manufactured	No				Each	8.0000		1067251	DAS	33 9-89	DAS 9-89
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>				
				ST544			8						
					102876		3						
					125083		5						
646.3001 Lower Cutter Assy		Manufactured	No				Each	2.0000		928951	DAS	33 9-89	DAS 9-89
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>				
				ST537			2						
					101102		1						
					125083		1						
646.2910 Deflector		Manufactured	No				Each	12.0000		1060365	DAS	33 9-89	DAS 9-89
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>				
				ST426			7						
					101543		4						
					105844		3						
				st535			1						
					100122		1						
				st543			4						
					100811		4						
646.3810 Bracket		Manufactured	No				Each	7.0000		1080492	DAS	33 9-89	13-11-22
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>				
				ST524			7						
					102933		7						

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS									
Part No. _____	Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>									
NCR No. _____	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>										
	Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>										
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector				
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio				<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	
												<input type="checkbox"/> Other			

Picklist Print

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Page 2

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 10/07/13

Start Qty: 1.00

Required Date: 10/07/13

Required Qty: 1.00

646.3510
Strut
DAS
27
9-89

Manufactured No

Each 5.0000

1
33
9-89
DAS
6
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST153	5	
	5	

646.3511
Strut
DAS
27
9-89

Manufactured No

Each 14.0000

102351
DAS
6
9-89
DAS
33
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST523	10	
102891	10	
ST538	3	
93263	3	
ST542	1	
100114	1	

646.3512
Strut
DAS
27
9-89

Manufactured No

Each 10.0000

1
33
9-89
DAS
6
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST519	10	
94618	10	

646.3513
Strut
DAS
27
9-89

Manufactured No

Each 17.0000

94618
DAS
33
9-89
13-1-22
DAS
6
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST523A	17	
104683	17	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							

Picklist Print

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Page 3

Work Order ID: 108067

Parent Item: 646.4001

Start Date: 10/07/13

Required Date: 10/07/13

Parent Item Name: AS350 Cable Cutters

Start Qty: 1.00

Required Qty: 1.00

NAS1049E0332P

Purchased

No

Each

8,162.0000

154

DAS

33

9-89

Washer

DAS
27
9-89

Location	Loc Qty	Loc Code
GA	182	
	122063	
ST294	182	
	122063	
ST295	158	
	122063	
st510	158	
	123352	
st510	3	
	123352	
st510	2819	
	123900	
ST510a	2819	
	123900	
ST510a	5000	
	125646	
ST510a	5000	

MS21042L3

Purchased

No

Each

5,472.0000

123900

DAS

33

9-89

Nut

DAS
27
9-89

Location	Loc Qty	Loc Code
FP001	3	
	122141	
GA	18	
	122452	
ST314	18	
	ST314	
111668	304	
	111668	
117885	1	
	117885	
119017	32	
	119017	
119075	55	
	119075	
123265	138	
	123265	
M126036	43	
	M126036	
ST506	35	
	ST506	
123900	1161	
	123900	
124291	849	
	124291	
ST510a	312	
	ST510a	
M126275	3986	
	M126275	
M126333	29	
	M126333	
	3957	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
	<input type="checkbox"/>	Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Ovalized	<input type="checkbox"/>	Pressure/Forced	
	<input type="checkbox"/>	Centre Not Concentric to O/S	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Temperature/Cure	
	<input type="checkbox"/>	Cracks	<input type="checkbox"/>	Broken/Damaged	<input type="checkbox"/>	Inspection Incomplete	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Weld	
	<input type="checkbox"/>	Crushed/Crimped	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Wrong Stock Pulled	
	<input type="checkbox"/>	Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Maintenance	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>		
	<input type="checkbox"/>	Heat Treat	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Positioned Wrong	<input type="checkbox"/>		
	<input type="checkbox"/>	Inspection Strip in Tube	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Misread	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>		
	<input type="checkbox"/>	Ripples in Bend	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Offset	<input type="checkbox"/>		<input type="checkbox"/>	Other	
	<input type="checkbox"/>	Torque Waves in Extrusion	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>		<input type="checkbox"/>		
	<input type="checkbox"/>	Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>		<input type="checkbox"/>		
	<input type="checkbox"/>	Wave/Twist in Tube	<input type="checkbox"/>	Folio	<input type="checkbox"/>	Outside Dimensions	<input type="checkbox"/>		<input type="checkbox"/>		

Picklist Print

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Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

646.3710
Channel

Manufactured No Each 9.0000

Start Date: 10/07/13

Required Date: 10/07/13

Start Qty: 1.00

Required Qty: 1.00

DAS
27
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139A	4	
125083	4	
ST540	1	
93242	1	
ST542	4	
100124	4	

DAS
33
9-89

1067411

646.3710
Doubler

Manufactured No Each 26.0000

DAS
27
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST425	1	
97175	1	
ST539	25	
100950	25	

DAS
33
9-89

646.3210
Support

Manufactured No Each 9.0000

DAS
27
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST427	9	
102994	9	

DAS
33
9-89

100950
108081

646.3713
Gusset

Manufactured No Each 24.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
st535	24	
102617	19	
99630-1	5	

DAS
33
9-89

99630-1

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS									
Part No. _____			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>								
NCR No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>								
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>								
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>									
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector				
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio				<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	
														<input type="checkbox"/> Other	

Picklist Print

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Page 5

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 10/07/13

Required Date: 10/07/13

MS24694-SS1
Screw

Purchased No Each 65.0000

127435 DAS 33 9-89

DAS 27 9-89

Location	Loc Qty	Loc Code
ST303	65	
116805	1	
123741	12	
125654	52	

AN3-13A
Bolt

DAS 27 9-89

Purchased No Each 32.0000

125654 DAS 33 9-89

AN3-14A
Bolt

DAS 27 9-89

Purchased No Each 831.0000

123759 DAS 33 9-89

CR3218-5-3 03
Cherry Rivet

L.S 27 9-89

Purchased No Each 292.0000

125445 DAS 33 9-89
126268 14 13-11-22

Location	Loc Qty	Loc Code
ST328	292	
m126333	292	

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>		
			Work Order Update <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>		
				Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Other <input type="checkbox"/>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							
				<input type="checkbox"/> Other							

Picklist Print

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Page 6

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 10/07/13

Required Date: 10/07/13

Start Qty: 1.00

Required Qty: 1.00

MS20470ADS 55
Rivet
27
9-89

Purchased No Each 533.0000

8 DAS
33
9-89

646.3711
Clip
DAS
27
9-89

Manufactured No Location Loc Qty Loc Code

123425
1 DAS
33
9-89

ST336 533

123425

533

646.3712
Clip
DAS
27
9-89

Manufactured No Each 36.0000

102554
1 DAS
33
9-89

st535 30

101004 10

93929 20

ST536 5

102554 5

646.3811
Radius Block
DAS
27
9-89

Manufactured No Each 22.0000

106274 DAS 13-11-22
33
9-89

Location Loc Qty Loc Code

ST139A 1

93224 1

st535 21

100131 21

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS							
Part No. _____	Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>							
NCR No. _____	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>								
	Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>								
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other			

Picklist Print

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Page 7

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 10/07/13

Required Date: 10/07/13

Start Qty: 1.00

Required Qty: 1.00

DAS

AS350
Bolt

Purchased No Each 497.0000

DAS

33

9-89

Location Loc Qty Loc Code

ST350 126

124296 18

M126073 8

MT26192 100

ST351 61

117441 34

121166 13

122993 10

123831 4

ST511 300

M127044 300

ST512 10

122814 10

Purchased No Each 113.0000

DAS

33

9-89

Location Loc Qty Loc Code

ST303 113

124296 61

125535 52

Manufactured No Each 21.0000

DAS

33

9-89

Location Loc Qty Loc Code

ST139A 6

93434 1

99849 5

ST523 15

102275 15

Manufactured No Each 0.0000

DAS

33

9-89

Location Loc Qty Loc Code

106656 1

102275 1

13-11-22

MS24694 S55
Screw

DAS
27
9-89

Purchased No Each 113.0000

DAS

33

9-89

Location Loc Qty Loc Code

ST303 113

124296 61

125535 52

Manufactured No Each 21.0000

DAS

33

9-89

Location Loc Qty Loc Code

ST139A 6

93434 1

99849 5

ST523 15

102275 15

Manufactured No Each 0.0000

DAS

33

9-89

Location Loc Qty Loc Code

106656 1

102275 1

13-11-22

Location Loc Qty Loc Code

106656 1

102275 1

6463610
Filler

DAS
27
9-89

Manufactured No Each 21.0000

DAS

33

9-89

Location Loc Qty Loc Code

ST139A 6

93434 1

99849 5

ST523 15

102275 15

Manufactured No Each 0.0000

DAS

33

9-89

Location Loc Qty Loc Code

106656 1

102275 1

13-11-22

Location Loc Qty Loc Code

106656 1

102275 1

6463714
Gusset

DAS
27
9-89

Manufactured No Each 0.0000

DAS

33

9-89

Location Loc Qty Loc Code

106656 1

102275 1

13-11-22

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS						
Part No. _____	Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>						
NCR No. _____	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>							
	Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>							
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector	
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved												
FAULT CATEGORY												
Landing Gear	General											
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>								
	Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>								
	Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>								
	Crushed/Crimped <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>								
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>								
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Part Moved <input type="checkbox"/>								
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>								
	Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>								
	Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>	<input type="checkbox"/>								
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	<input type="checkbox"/>								
	Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	<input type="checkbox"/>								

Picklist Print

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Page 8

Work Order ID: 108067

Parent Item: 646.4001

Start Date: 10/07/13

Required Date: 10/07/13

Parent Item Name: AS350 Cable Cutters

Start Qty: 1.00

Required Qty: 1.00 DAS

MS20470AD5-6

RIVET

Purchased

No

Each

1,548.0000

8

DAS

33

9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST336

1548

105433
124089

658

890

105433

No

Each

1.0000

646.3812
Gusset Bracket

DAS
27
9-89

Location

Loc Qty

Loc Code

st535

1

102345

1

10600

DAS
33
9-89

AN3-3A
Bolt

DAS
27
9-89

Purchased

No

Each

537.0000

Location

Loc Qty

Loc Code

ST350

537

123831

7

124552

1

m126492

1

m126249

328

m127044

200

No

Each

4.0000

646.3813
Strut Bracket

DAS
27
9-89

Manufactured

Location

Loc Qty

Loc Code

ST537

4

100133
99674

2

2

106133

DAS
33
9-89

13-11-22

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
Bending	Bend	Grain	Ovalized	Pressure/Forced							
Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure							
Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld							
Crushed/Crimped	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled							
Cuffs	Contamination	Maintenance	Part Moved								
Heat Treat	Countersink	Mislabeled	Positioned Wrong								
Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge								
Ripples in Bend	Drill Holes	Offset	Other								
Torque Waves in Extrusion	Drawing	Out of Calibration									
Turning Sequence	Finish	Out of Sequence									
Wave/Twist in Tube	Folio	Outside Dimensions									

Picklist Print

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Page 9

Work Order ID: 108067

Parent Item: 646.4001

Start Date: 10/07/13

Required Date: 10/07/13

Parent Item Name: AS350 Cable Cutters

Start Qty: 1.00

Required Qty: 1.00

MS20470AD577

Purchased

No

Each

2,092.0000

DAS

33

9-89

Rivet

DAS

27

9-89

Location

Loc Qty

Loc Code

Mezz

1384

2655

799

3011

585

ST336

708

123425

708

MS210473

Purchased

No

Each

629.0000

DAS

33

9-89

Nut Plate

DAS

27

9-89

Location

Loc Qty

Loc Code

GA

54

125535

54

ST316

75

123268

25

123301

50

st507

500

125654

500

CGRE64SS3402

Purchased

No

Each

606.0000

DAS

33

9-89

Rivet, Cherry

DAS

27

9-89

Location

Loc Qty

Loc Code

ST327

606

106578

100

124259

22

M125952

264

M126282

220

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS								
Part No. _____			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>							
NCR No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>							
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>							
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>								
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data														
Equip/Tooling														
Operator														
Material														
Setup														
Other														
Process														
Supplier														
Training														
Unapproved														
FAULT CATEGORY														
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio				<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	
													<input type="checkbox"/> Other	

Picklist Print

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Page 10

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 10/07/13

Required Date: 10/07/13

Start Qty: 1.00

Required Qty: 1.00

DAS

33

9-89

AS350

Bolt

Purchased

No

Each

1,567.0000

2

DAS
27
9-89

Location

Loc Qty

Loc Code

FP001

12

122800

12

GA

120

117423

120

ST350

22

120187

22

ST511

1000

m126559

1000

ST512

413

122416

19

124561

394

124561

646.3715

Strut Doubler

DAS
27
9-89

Manufactured

No

Each

9.0000

2

DAS

33

9-89

Location

Loc Qty

Loc Code

ST523A

9

103610

9

103610

MS27039-1-12

Screw

DAS
27
9-89

Purchased

No

Each

206.0000

6

DAS

33

9-89

B/S
9-89

Location

Loc Qty

Loc Code

Mezz

6

100993

6

ST305

200

125654

200

125654

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS																	
Part No. _____			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>																
NCR No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>																
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>																
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																	
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector												
Doc/Data																							
Equip/Tooling																							
Operator																							
Material																							
Setup																							
Other																							
Process																							
Supplier																							
Training																							
Unapproved																							
FAULT CATEGORY																							
Landing Gear				General																			
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio								<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled			
																				<input type="checkbox"/> Other			

Picklist Print

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Work Order ID: 108067

Parent Item: 646.4001

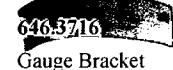
Start Date: 10/07/13

Required Date: 10/07/13

Parent Item Name: AS350 Cable Cutters

Start Qty: 1.00

Required Qty: 1.00



646.3716

Gauge Bracket

Manufactured No

Each 37.0000

DAS

33

9-89

DAS

33

9-89



MS20426AD5-7

RIVET

DAS
27
9-89

Purchased No

Each 687.0000

DAS

33

9-89



MS24694-S54

SCREW

DAS
27
9-89

Purchased No

Each 504.0000



MS27039-H21

Screw

DAS
27
9-89

Purchased No

Each 332.0000



MS27039-H20

Screw

DAS
27
9-89

Purchased No

Each 424.0000



DAS
27
9-89

Location Loc Qty Loc Code

st535 30
101528 10
93198 20
ST536 7
100120 1
102552 6

Location Loc Qty Loc Code

ST334 687
101340 687

Location Loc Qty Loc Code

ST303 504
125535 504

Location Loc Qty Loc Code

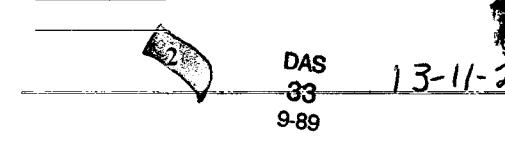
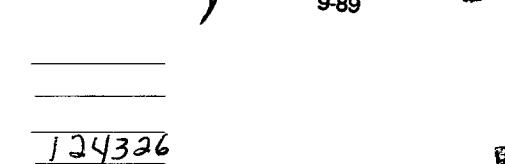
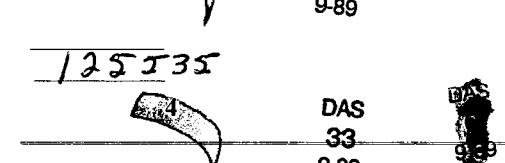
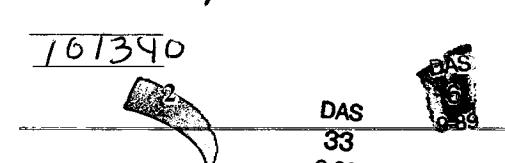
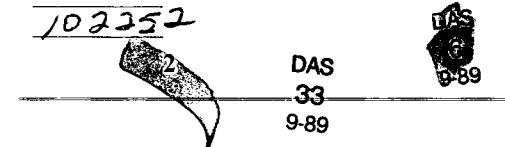
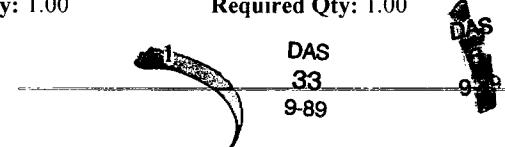
ST306 4
115935 4

ST506 328
124326 228

m126319 100

Location Loc Qty Loc Code

st510 424
124326 424



NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>		
			Work Order Update <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
				Large Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear					General						
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube					<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio						
					<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
					<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge						
					<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled						
					<input type="checkbox"/> Other						

Picklist Print

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Page 12

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

MS27039-1-19

Screw

DAS
27
9-89

646.3717
Doubler
DAS
27
9-89

646.3718
Custom Washer
DAS
27
9-89

646.3719
Doubler
DAS
27
9-89

Start Date: 10/07/13

Start Qty: 1.00

Required Date: 10/07/13

Required Qty: 1.00

DAS
6
9-89
22
33
9-89

Purchased No Each 1,210.0000

Location Loc Qty Loc Code

ST306 102

122814
123522

100

1000

125654 1000

ST506 108

124326 108

108

Manufactured No Each 4.0000

Location Loc Qty Loc Code

ST523A 4

104680 4

104680 4

Manufactured No Each 21.0000

Location Loc Qty Loc Code

ST523A 10

103012 10

ST536 11

100128 11

Manufactured No Each 4.0000

Location Loc Qty Loc Code

ST523A 4

104679 4

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							

Picklist Print

October-07-13 9:10:28 AM

Page 13

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

MS27039-1-10

SCREW

Purchased No Each 710.0000

Start Date: 10/07/13

Start Qty: 1.00

Required Date: 10/07/13

Required Qty: 1.00

DAS
33
9-89

DAS
33
9-89

DAS
27
9-89

AN3-11A
Bolt

DAS
27
9-89

Purchased No Each 854.0000

Location Loc Qty Loc Code

GA	100	
120449	100	
ST305	182	
122815	1	
124859	100	
125654	81	
ST308	18	
123522	18	
ST506	410	
124326	10	
m126474	400	

126474

DAS
33
9-89

DAS
6
9-89

600.0990
MAGNABOND 6398 PART A

Purchased No Each 51.0000

Location Loc Qty Loc Code

ST351	492	
m125709	492	
ST512	362	
115457	100	
123352	200	
123759	62	

4415457

44133759

DAS
33
9-89

13-11-22

AS
7
-89

Purchased No Each 51.0000

Location Loc Qty Loc Code

ST	7	
m126215	7	
ST520	44	
m126233	44	

126215

DAS
6
9-89

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS							
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>			Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
						Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
						Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance			Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio				<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other	

Picklist Print

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Page 14

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 10/07/13

Required Date: 10/07/13

Start Qty: 1.00

Required Qty: 1.00

600.0991 MAGNOBOND 6398 PART B

Purchased No Each 51.0000

DAS

33

9-89

DAS

27

9-89

600.1012 Sealant (#654 semikit)

Purchased No Each 29.0000

DAS

33

9-89

DAS

27

9-89

600.0129 VHB TAPE 75935A651

Purchased No f 339.0000

DAS

33

9-89

DAS

27

9-89

600.1013 021200-3M TAPE PRIMER 94 PRIMER 24216

Purchased No Each 810.0000

DAS

33

9-89

DAS

27

9-89

646.3910 Shim

Manufactured No Each 26.0000

DAS

32

9-89

DAS

27

9-89

Location Loc Qty Loc Code

ST 7

m126215 7

ST520 44

m126233 44

Location Loc Qty Loc Code

ST519 29

m126248 18

m126972 11

Location Loc Qty Loc Code

ST520 339

125031 3

125540 120

m127014 216

Location Loc Qty Loc Code

ST520 810

125154 810

125154 810

Location Loc Qty Loc Code

st535 12

102850 12

st541 14

100135 14

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
Bending	Bend	Grain	Ovalized	Pressure/Forced							
Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure							
Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld							
Crushed/Crimped	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled							
Cuffs	Contamination	Maintenance	Part Moved								
Heat Treat	Countersink	Mislabeled	Positioned Wrong								
Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge								
Ripples in Bend	Drill Holes	Offset		Other							
Torque Waves in Extrusion	Drawing	Out of Calibration									
Turning Sequence	Finish	Out of Sequence									
Wave/Twist in Tube	Folio	Outside Dimensions									

Picklist Print

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Page 15

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 10/07/13

Required Date: 10/07/13

Start Qty: 1.00

Required Qty: 1.00

DAS

32

9-89



DAS

27

9-89

Manufactured No Each 5.0000

Location Loc Qty Loc Code

ST139A 4 _____

99775 4 _____

ST139d 1 _____

93362 1 _____

B106863

DAS

32

9-89



DAS
27
9-89

Manufactured No Each 32.0000

Location Loc Qty Loc Code

ST139d 4 _____

93423 4 _____

st535 20 _____

103082 20 _____

st541 8 _____

102271 8 _____

B106927

DAS

32

9-89



Shim

Manufactured No Each 29.0000

Location Loc Qty Loc Code

ST139d 10 _____

93160 10 _____

st541 19 _____

100136 19 _____

13-11-22

DAS
33
9-89

93160

NCR: Yes / No

DQA: Date:

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS						
				Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>				
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Doc/Data	<input type="checkbox"/>											
Equip/Tooling	<input type="checkbox"/>											
Operator	<input type="checkbox"/>											
Material	<input type="checkbox"/>											
Setup	<input type="checkbox"/>											
Other	<input type="checkbox"/>											
Process	<input type="checkbox"/>											
Supplier	<input type="checkbox"/>											
Training	<input type="checkbox"/>											
Unapproved	<input type="checkbox"/>											

Picklist Print

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Page 16

Work Order ID: 108067

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 10/07/13

Start Qty: 1.00

Required Date: 10/07/13

Required Qty: 1.00



Purchased No Each 175.0000

Bolt

12
DAS
33
9-89

DAS
27
9-89



Purchased No Each 190.0000

Screw

124192
2
DAS
33
9-89

DAS
27
9-89

Location	Loc Qty	Loc Code
GA	6	
122407	6	
ST351	169	
114536	1	
123352	2	
m125709	100	
m125752	2	
m126192	64	

125654

125654

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Part No. _____			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector			
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03079

SHEET 1 JF 1

DWG NO. 646.4000

REV: A

PREPARED BY: N.CAP

DATE: 03/21/11

EFFECT ON DWG
 INC. UNINC.

DWG TITLE: AS350 CABLE CUTTERS KIT

APPROVED BY:

ENGR *P. Brano*

MFG

David Bush

QC

Thomas J. Sosa

EFF:

NEXT ORDER

TRANSACTION CODES (TC)
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: CREATED FIXED AND CCK WITHOUT FIXED PROVISIONS KIT

SHEET 1, BOM, IS:

108067 MLJ
13-10-07

REF	REF	REF	65	6475701	GPS MOUNT KIT	
	6	64	6013151	VASHER	NS2464350	
	8	63	6012911	SCREW	NS2464350	
2	2	62	6012637	SCREW	NS27091-1-16	
2	2	61	6012763	BOLT	NS3-12A	
1	1	60	6463913	SHIM		
4	4	59	6463912	SHIM		
1	1	58	6463911	SHIM		
4	4	57	6463910	SHIM		
5	5	56	6001013	PRIMER		
8 FT	8 FT	55	6001029	VHB TAPE		
1	1	54	6001012	SEALANT	PN-1423 CLASS 3	
ASH	ASH2	ASH1	FIND #	PART #	DESCRIPTION	WHTL SPEC

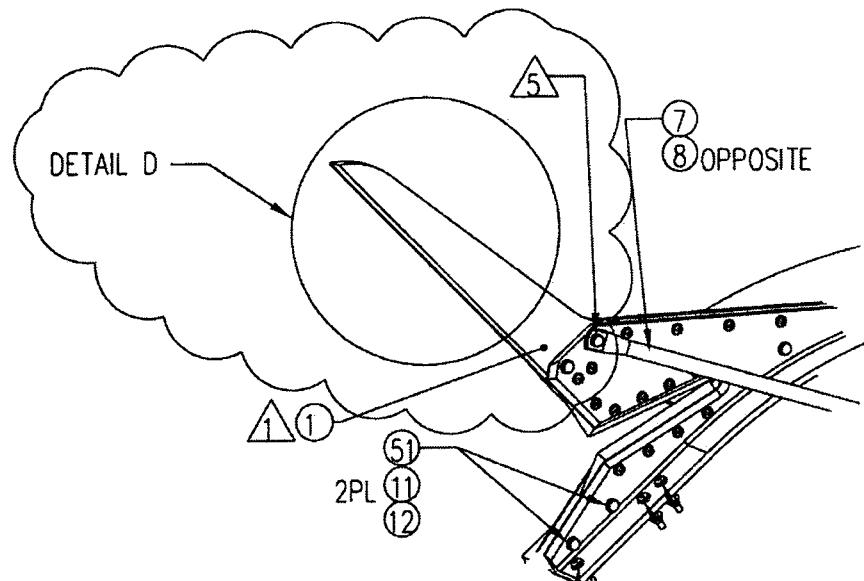
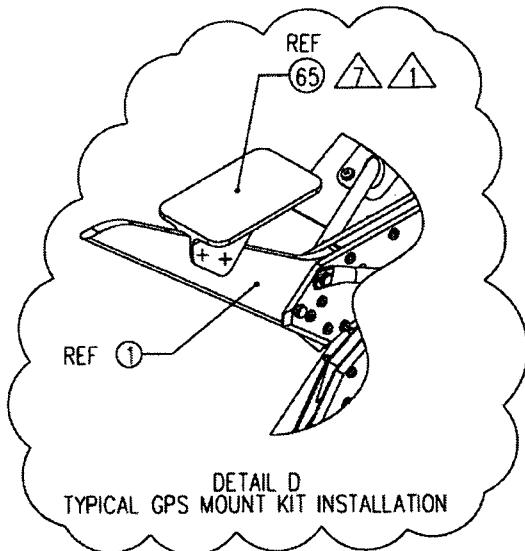
1	1	53	6001091	MACROBUND 6370 PART B		
1	1	52	6001090	MACROBUND 6370 PART A		
8	8	51	6012826	BOLT	NS3-12A	
2	2	50	6463814	WIPER BRACKET		
2	2	49	6012910	SCREW	NS27091-1-16	
2	2	48	6011365	SCREW	NS27091-1-16	
2	2	47	6463719	DOUBLER		
2	2	46	6463718	CUSTOM WASHER		
1	1	45	6463717	DOUBLER		
22	2	44	6012848	SCREW	NS27091-1-16	
2	2	43	6011952	SCREW	NS27091-1-16	
4	4	42	6011956	SCREW	NS27091-1-21	
2	2	41	6012829	SCREW	NS2464354	
2	2	40	6012831	RIVET	NS2462545-7	
1	1	39	6463716	GAUGE BRACKET		
6	6	38	6011953	SCREW	NS27091-1-16	
2	2	37	6463715	STRUT DOUBLER		
2	2	36	6012824	BOLT	NS3-3A	
36	36	35	6012277	RIVET	NS246435-2-12	
18	18	34	60010795	NUTPLATE	NS2047-3	
3	3	33	6012535	RIVET	NS23478405-7	
1	1	32	6463613	STRUT BRACKET		
4	4	31	6012822	BOLT	NS3-3A	
2	2	30	6463612	GUSSET BRACKET		
8	8	29	6012564	RIVET	NS23478405-6	
1	1	28	6463714	GUSSET		
1	1	27	6463610	FILLER		
1	1	26	6012830	SCREW	NS24624555	
2	2	25	6012825	BOLT	NS3-6A	
1	1	24	6463611	RADIUS BLOCK		
1	1	23	6463712	CLIP		
1	1	22	6463711	CLIP		
8	8	21	6012832	RIVET	NS246245-35	
14	14	20	6012020	RIVET	NS2223-5-3	
10	10	19	6012823	BOLT	NS3-4A	
1	1	18	6012827	BOLT	NS3-12A	
5	5	17	6012912	SCREW	NS24624533	
1	1	16	6463713	GUSSET		
1	1	15	6463210	SUPPORT		
1	1	14	6463710	DOUBLER		
1	1	13	6463110	CHANNEL		
8	55	12	6011624	LOCKNUT	NS2043-3	
18	116	11	6011607	VASHER	NS2464350	
		10	6463411	RH VIPER DEFLECTOR		
		9	6463410	LH VIPER DEFLECTOR		
		8	6463513	STRUT		
		7	6463512	STRUT		
		6	6463511	STRUT		
		5	6463510	STRUT		
2	2	4	6463810	BRACKET		
		3	6462910	REFLECTOR		
		2	6463001	LOWER CUTTER ASSY		
		1	6463301	UPPER CUTTER ASSY		
X			6464004	FIXED PROVISIONS KIT		
X			6464003	SNICK CUTTER SET WEIGHT		
			6464008	FIXED PROVISIONS KIT		
			6464009	AS350 CABLE CUTTERS KIT		
X			6464001	AS350 CABLE CUTTERS KIT		
X			6464002	AS350 CABLE CUTTERS KIT		
X			6464003	AS350 CABLE CUTTERS KIT		
X			6464004	AS350 CABLE CUTTERS KIT		
X			6464005	AS350 CABLE CUTTERS KIT		
X			6464006	AS350 CABLE CUTTERS KIT		
X			6464007	AS350 CABLE CUTTERS KIT		
X			6464008	AS350 CABLE CUTTERS KIT		
X			6464009	AS350 CABLE CUTTERS KIT		
X			6464010	AS350 CABLE CUTTERS KIT		
X			6464011	AS350 CABLE CUTTERS KIT		
X			6464012	AS350 CABLE CUTTERS KIT		
X			6464013	AS350 CABLE CUTTERS KIT		
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APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03046				SHEET 1 OF 1		
	DWG NO. 646.4000		REV: A	PREPARED BY J. JACKSON	DATE: 01/24/11		EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: AS350 CABLE CUTTERS KIT						
	APPROVED BY:	ENGR <i>Z. Brane</i>	MFG <i>David Parker</i>	QC <i>Michael Lepaw</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED GPS MOUNT KIT, F/N 65. REVISED DRAWING VIEWS. ADDED NOTE 7					

SHEET 1, ZONE B1 IS:

7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ONTO F/N 1.

SHEET 2, ZONE A4 IS:SHEET 2, ZONE B2 IS:

F/N	A	PART NUMBER	REF	DESCRIPTION	MATERIAL	SPECIFICATION
65	A	647.5701	.4001	GPS MOUNT KIT	7	
DOCUMENTS EFFECTED:			QTY	CHANGE CATEGORY <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APCAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APCAL INDUSTRIES IS PROHIBITED.

NOTES:

- 1** AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGE
- 2** INSTALL F/N 14 WITH F/N 52 & 53
- 3** 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 75935A651
- 4** 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE
VENDOR: R.S. HUGHES P/N 021200-24216
- 5** REUSE FASTENERS FROM F/N 1
- 6** USE WASHERS AS REQUIRED AS SHIMS TO OBTAIN BEST FITMENT

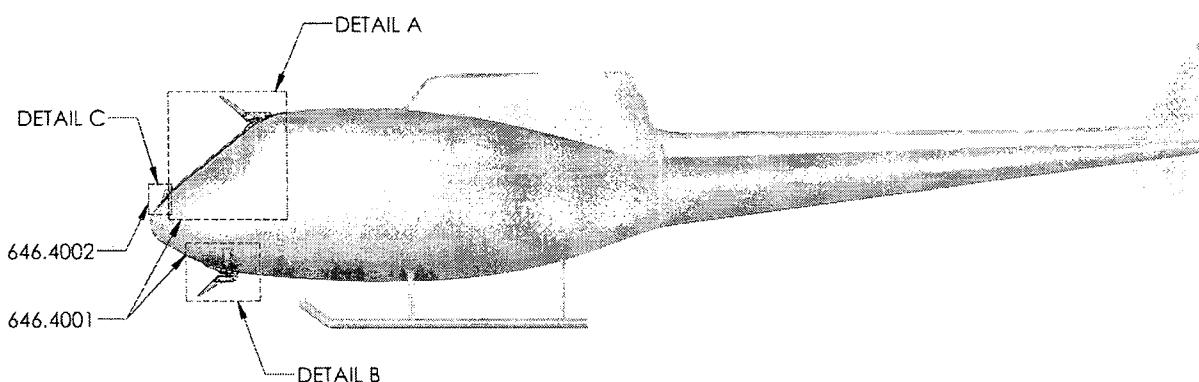
UNLAWFUL ACTED ECN(S)

03046, 03074

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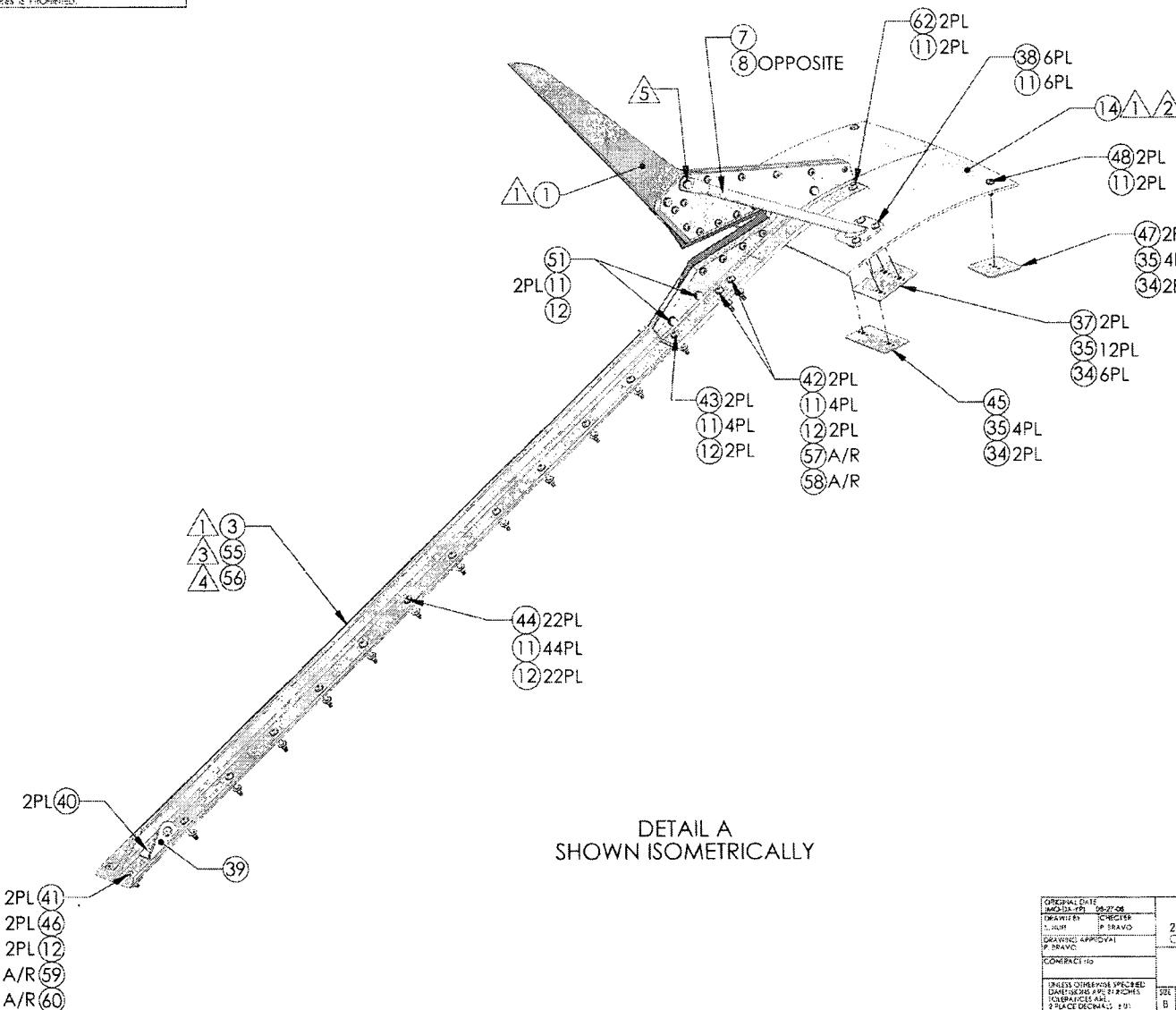
6	64	601.3151	WASHFR	MS12014930SP
2	63	601.2911	SCREW	MS2409652
2	62	601.2637	SCREW	MS27039-16
2	61	601.2763	BOLT	ARX 12A
1	60	646.3913	SHIM	
4	59	646.3912	SHIM	
1	58	646.3911	SHIM	
		END-#	Part #	DESCRIPTION
				MADE BY
				SPEC

REV	DESCRIPTION	DATE	APPROVED
A	INCORPORATING CDRN C0512071 1.0725	03/26/2010	P BRAVO
57	646.3910 SHIM		
56	600.1013 PRIMER		
55	600.0129 VHB TAPE		
54	500.1012 SEALANT	PP-1403-7A23	
53	600.0991 MAGNOBOND 5575 PART B		
52	600.0990 MAGNOBOND 5575 PART A		
51	601.2826 BOLT	AN3-1A	
50	546.3814 WIPER BRACKET		
49	601.2910 SCREW	MS27039-1-19	
48	601.1365 SCREW	MS27039-1-16	
47	646.3719 DOUBLER		
46	646.3718 CUSTOM WASHER		
45	646.3717 DOUBLER		
44	601.1946 SCREW	MS27039-1-19	
43	601.1952 SCREW	MS27039-1-20	
42	601.1958 SCREW	MS27039-1-21	
41	601.2829 SCREW	MS27039-1-54	
40	601.2831 RIVET	MS20402AD5-2	
39	646.3716 GAUGE BRACKET		
38	601.1953 SCREW	MS27039-1-17	
37	646.3715 STRUT DOUBLER		
36	601.2824 BOLT	AN3-5A	
35	601.2277 RIVET	CCP2142-3-22	
34	600.0795 NUT/PLATE	MS20402AD5-7	
33	601.2565 RIVET	MS20402AD5-7	
32	646.3813 STRUT BRACKET		
31	601.2822 BOLT	AN3-3A	
30	646.3812 GUSSET BRACKET		
29	601.2564 RIVET	MS20402AD5-6	
28	646.3714 GUSSET		
27	646.3610 FILLER		
26	601.2830 SCREW	MS24604555	
25	601.2825 BOLT	AN3-6A	
24	646.3811 RADIUS BLOCK		
23	646.3712 CLIP		
22	646.3711 CLIP		
21	601.2832 RIVET	MS20402AD5-5	
20	601.2020 RIVET	CK2123-3	
19	601.2823 BOLT	AN3-4A	
18	601.2827 BOLT	AN3-13A	
17	601.2912 SCREW	MS2464551	
16	646.3713 GUSSET		
15	646.3210 SUPPORT		
14	646.3710 DOUBLER		
13	646.3110 CHANNEL		
12	601.1624 LOCKNUT	MS21042-3	
11	601.1607 WASHER	MS21142D23P	
10	646.3411 RH WIPER DEFLECTOR		
9	646.3410 LH WIPER DEFLECTOR		
8	646.3513 STRUT		
7	646.3512 STRUT		
6	646.3511 STRUT		
5	646.3510 STRUT		
4	646.3810 BRACKET		
3	646.2910 DEFLECTOR		
2	646.3001 LOWER CUTTER ASSY		
	646.3301 UPPER CUTTER ASSY		
	636.4002 AS350 WIPER DEFLECTOR KIT		
	646.4001 AS350 CABLE CUTTERS KIT		
FIND #	PART #	DESCRIPTION	MATL
		PARTS LIST	SPEC
(S)	ORIGINAL DATE: 03/26/10		
	PRINTED BY: P BRAVO		
	S. HUFF		
	DRAWINGS APPROVED:		
	03/26/10		
	CONTRACTING:		
	DATE DRAWINGS SPECIFIED:		
	DIMENSIONS & TOLERANCES:		
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	280 PLACE DECIMALS: 2.00		
	281 PLACE DECIMALS: 2.00		

108067

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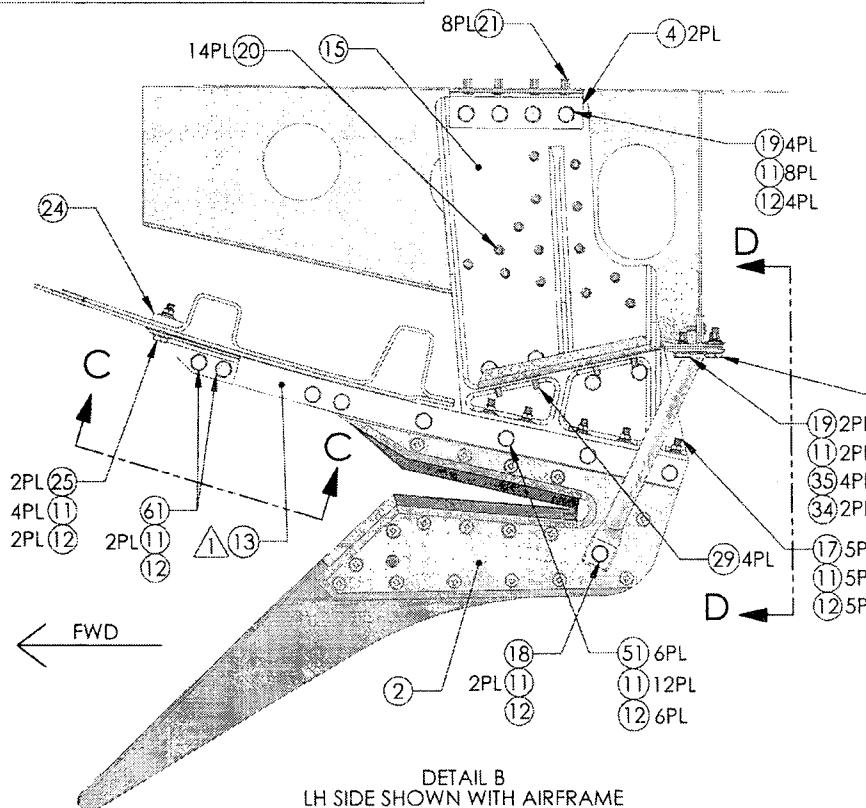


DETAIL A
SHOWN ISOMETRICALLY

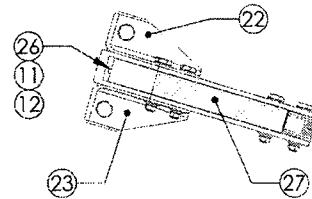
GENERAL PRICE 1000/1200 PCS	757-08	APICAL INDUSTRIES
DRAWINGS	RECEIVED	2508 TEMPLE HEIGHTS DR.
PRINTED	10/10/00	OCEANSIDE, CA. 92056-3512 (760)724-5303
DRILLING APPROVALS	P. BRAVO	
CONTRACT NO.		
AS350 CABLE CUTTERS KIT		
ITEM	QUANTITY	PRICE
1	1	646,4000
		NET
B	07M26	A
CAGE NO. 1000		
L. 1000		

108067

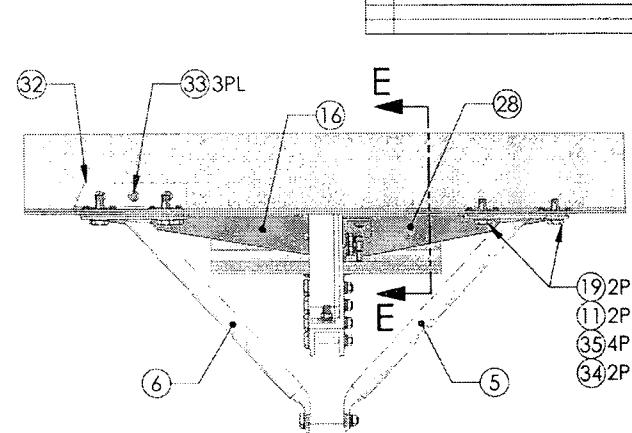
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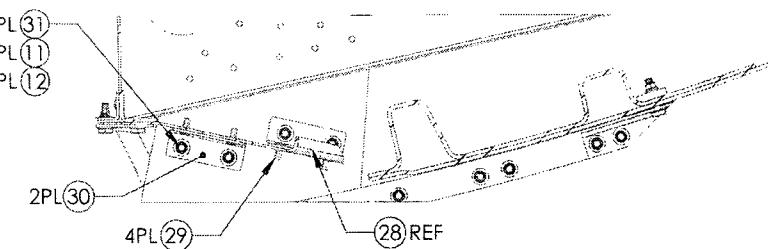
DETAIL B
LH SIDE SHOWN WITH AIRFRAME



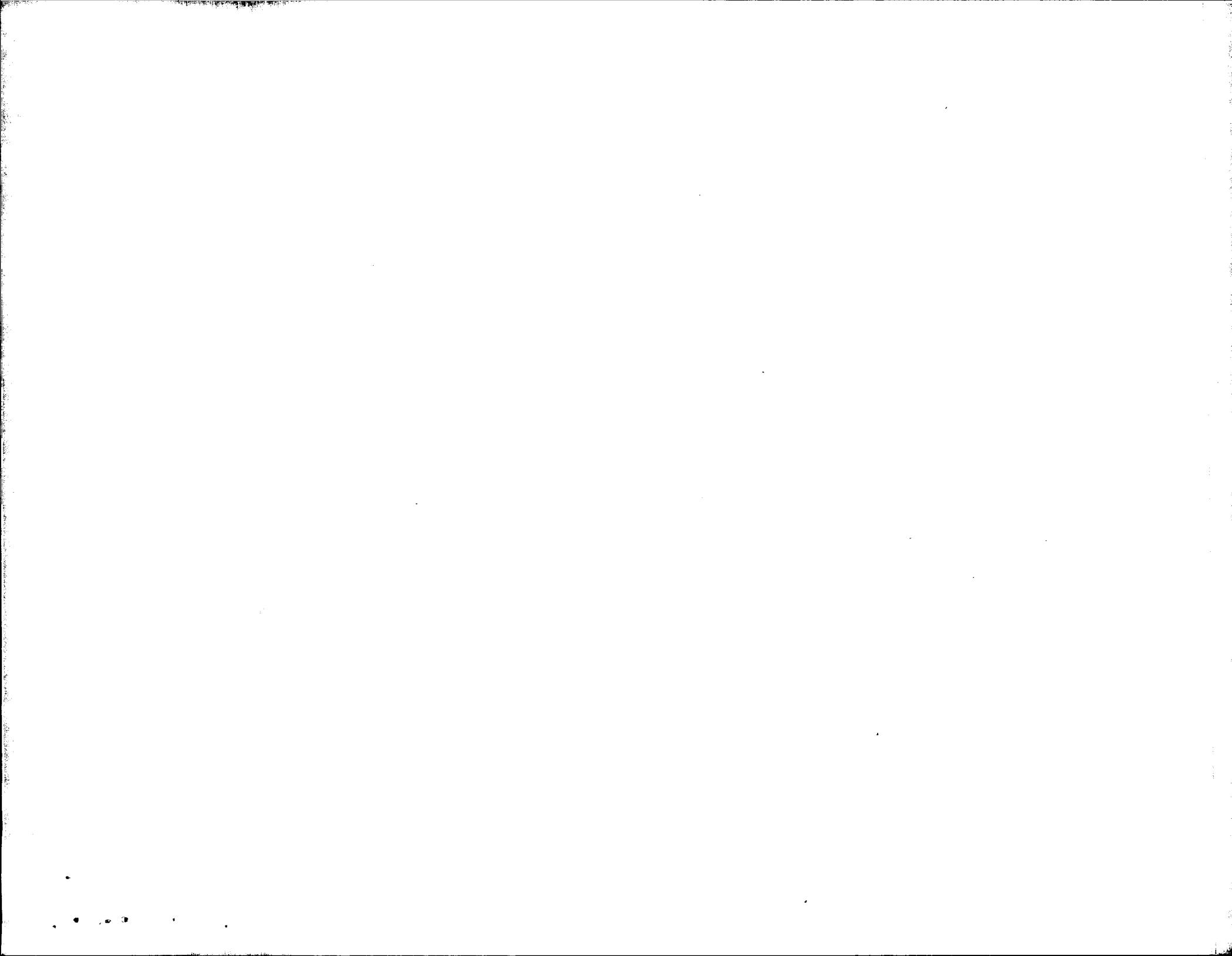
SECTION C-C



SECTION D-D
CUTTER HIDDEN FOR CLARITY



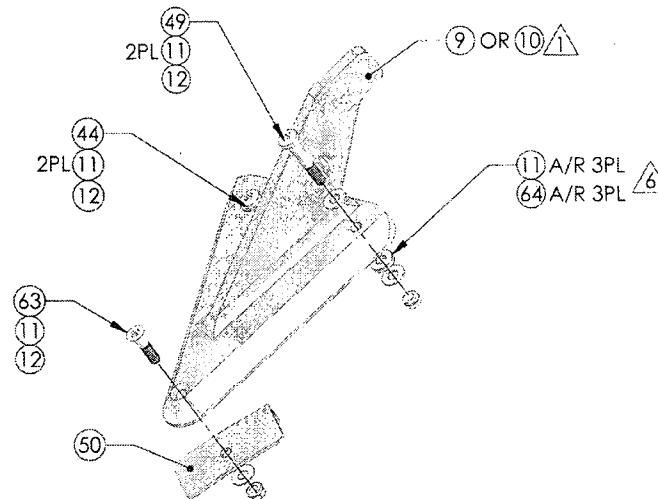
SECTION E



1 2 3 4 5 6 7 8
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P/N	DESCRIPTION	DATE	APPROVED	REV	
				1	2

108067



DETAIL C
 LH SHOWN EXPLODED
 RH OPPOSITE

ORIGINAL DATE	08-01-06	APPROVAL DATE	08-01-06
DRAWN BY	CONCEP	DESIGNED BY	D. BRAVO
S. HUFF			
DRAWING APPROVAL			
REVISION			
CONTACT: Ac.			
APICAL INDUSTRIES			
2608 TEMPLE HEIGHTS DR.			
OCEANSIDE, CA. 92058-3512			(760)724-5300
AS350 CABLE CUTTERS KIT			
REV A			
07M26	646.4000	REV	
SCALE NONE			
SHEET 4 OF 4			

APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03079

SHEET 1 OF 1

DWG NO. 646.4000

REV: A

PREPARED BY: N.CAP

DATE: 03/21/11

EFFECT ON DWG
 INC. UNINC.

DWG TITLE: AS350 CABLE CUTTERS KIT

APPROVED BY:

ENGR: *P. Brano*

MFG:

David Baskin

QC:

Wesley L. Sosa

EFF:

NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: CREATED FIXED AND CCK WITHOUT FIXED PROVISIONS KIT

SHEET 1, BOM, IS:

DAS
27
9-89

EXCERPT ONLY

REF	REF	REF	65	6475701	GPS MOUNT KIT	
56		64	6013151	VASHER	NS24694359	
	2	63	6012911	SCRE	NS24694353	
2	2	62	6012637	SCRE	NS2709-1-15	
2	12	61	6012763	BOLT	AKG-12A	
1	1	60	6463913	SHIM		
4	41	59	6463992	SHIM		
1	1	58	6463911	SHIM		
4	4	57	6463910	SHIM		
5	5	56	6010103	PRIMER		
8 FT	8 FT	55	6010129	VHB TAPE		
1	11	54	6010102	SEALANT	PR-1425 CLASS 3	
4034	4033	4032	4031	FIND #	PART #	DESCRIPTION
						MATL. SPEC.

1	53	6001991	MACRODENS 6279 PART B			
8	52	6001990	MACRODENS 6279 PART A			
	51	6012262	BOLT		AKG-12A	
	50	6463814	VIPER BRACKET			
2	49	6012910	SCRE	KS2709-1-18		
2	48	6011365	SCRE	KS2709-1-19		
2	47	6463719	DOUBLER			
2	46	6463718	CUSTOM WASHER			
	45	6463717	DOUBLER			
22	44	6011948	SCRE	KS2709-1-19		
2	43	6011952	SCRE	KS2709-1-20		
4	42	6011956	SCRE	KS2709-1-21		
2	41	6012829	SCRE	NS24694354		
2	40	6012831	RIVET	NS24694355-7		
1	39	6463716	GAUGE BRACKET			
6	38	6011953	SCRE	KS2709-1-12		
2	37	6463715	STRUT DOUBLER			
2	36	6012824	BOLT		AKG-3A	
36	35	6012277	RIVET	NS24694356		
18	34	6001795	WIPPLATE	KS2647-3		
3	33	6012563	RIVET	NS2470A25-7		
1	32	6463613	STRUT BRACKET			
4	31	6012822	BOLT		AKG-3A	
2	30	6463612	GUSSET BRACKET			
8	29	6012564	RIVET	NS2470A25-6		
1	28	6463714	GUSSET			
1	27	6463610	FILLER			
1	26	6012830	SCRE	NS24694355		
2	25	6012825	BOLT		AKG-3A	
1	24	6463801	RADIUS BLOCK			
1	23	6463712	CLIP			
1	22	6463711	CLIP			
8	21	6012832	RIVET	NS2470A25-5		
14	20	6012020	RIVET	NS2647-3		
10	19	6012823	BOLT		AKG-1A	
1	18	6012827	BOLT		AKG-1A	
5	17	6012912	SCRE	NS24694355		
1	16	6463713	GUSSET			
1	15	6463210	SUPPORT			
1	14	6463710	DOUBLER			
1	13	6463110	CHANNEL			
8	12	6011624	LOCKOUT		NS24694353	
18	11	6011607	WASHER		NS24694356	
16	10	6463411	RH VIPER DEFLECTOR			
16	9	6463410	LH VIPER DEFLECTOR			
	8	6463513	STRUT			
	7	6463512	STRUT			
1	6	6463511	STRUT			
1	5	6463510	STRUT			
2	4	6463810	BRACKET			
3	3	6462910	DEFLECTOR			
2	2	6463001	LOUVER CUTTER ASSY			
1	1	6463301	UPPER CUTTER ASSY			
		6464004	FIXED PROVISIONS KIT			
		6464003	DOUBBLET BOLT WASHER			
		6464008	ASSEMBLY DEFLECTOR KIT			
1004	1003	1002	1001	FIND #	PART #	DESCRIPTION
						MATL. SPEC.

DOCUMENTS EFFECTED:

MDL INSTALL INSTRUC

ICA

BOM

CHANGE CATEGORY
 MAJOR MINOR

DER REVIEW REQUIRED
 YES NO

Work Order ID 108067

October-07-13 9:10:29 AM

108067

Page 1

Item ID: 646.4001

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: AS350 Cable Cutters

Start Date: 10/07/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/07/13 Req'd Qty: 1.00

1

Customer:

Reference:

Run Start

NR1

Approvals: Process Plan: MUS

Date: 13-10-07 Tooling:

Date:

Stop

NR2

QC:

Date: SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

646.4000

A

Job

0.00

MUS 13-11-25

100

100

DOCUMENT CONTROL

DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP 646.4001

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Quality Control

Memo

0.00